

Title (en)
AEROSOL PIRFENIDONE AND PYRIDONE ANALOG COMPOUNDS AND USES THEREOF

Title (de)
AEROSOLFÖRMIGE PIRFENIDON- UND PYRIDONANALOGVERBINDUNGEN UND VERWENDUNGEN DAVON

Title (fr)
COMPOSÉS ANALOGUES DE PYRIDONE ET DE PIRFÉNIDONE EN AÉROSOL, ET LEURS UTILISATIONS

Publication
EP 2670242 A1 20131211 (EN)

Application
EP 12742394 A 20120131

Priority

- US 201161508542 P 20110715
- US 201261584119 P 20120106
- US 201161559670 P 20111114
- US 201161438203 P 20110131
- US 2012023406 W 20120131

Abstract (en)
[origin: US2012192861A1] Disclosed herein are formulations of pirfenidone or pyridone analog compounds for aerosolization and use of such formulations for aerosol administration of pirfenidone or pyridone analog compounds for the prevention or treatment of various fibrotic and inflammatory diseases, including disease associated with the lung, heart, kidney, liver, eye and central nervous system. In some embodiments, pirfenidone or pyridone analog compound formulations and delivery options described herein allow for efficacious local delivery of pirfenidone or pyridone analog compound. Compositions include all formulations, kits, and device combinations described herein. Methods include inhalation procedures, indications and manufacturing processes for production and use of the compositions described.

IPC 8 full level
A61K 31/4418 (2006.01); **A61K 9/00** (2006.01); **A61M 15/00** (2006.01); **A61P 11/00** (2006.01)

CPC (source: EP US)
A61K 9/0078 (2013.01 - EP US); **A61K 31/4418** (2013.01 - EP US); **A61P 11/00** (2017.12 - EP); **A61M 15/009** (2013.01 - EP US);
A61M 2202/064 (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 10092552 B2 20181009; US 2012192861 A1 20120802; AU 2012212269 A1 20130725; AU 2012212269 B2 20160519;
AU 2016213708 A1 20160825; AU 2016213708 B2 20180510; CA 2824432 A1 20120809; CA 2824432 C 20211019; DK 2670242 T3 20220502;
EP 2670242 A1 20131211; EP 2670242 A4 20150225; EP 2670242 B1 20220316; EP 4059499 A1 20220921; ES 2913095 T3 20220531;
HU E058753 T2 20220928; JP 2014503598 A 20140213; JP 2017031192 A 20170209; JP 2018199688 A 20181220; JP 2021006539 A 20210121;
JP 2023076821 A 20230602; JP 6021117 B2 20161102; JP 6738576 B2 20200812; JP 6904929 B2 20210721; LT 2670242 T 20220627;
NZ 612962 A 20160527; NZ 719737 A 20171222; US 11224592 B2 20220118; US 2019030012 A1 20190131; US 2022218683 A1 20220714;
WO 2012106382 A1 20120809

DOCDB simple family (application)
US 201213363311 A 20120131; AU 2012212269 A 20120131; AU 2016213708 A 20160809; CA 2824432 A 20120131;
DK 12742394 T 20120131; EP 12742394 A 20120131; EP 22156404 A 20120131; ES 12742394 T 20120131; HU E12742394 A 20120131;
JP 2013551434 A 20120131; JP 2016187607 A 20160926; JP 2018149771 A 20180808; JP 2020154791 A 20200915;
JP 2022208515 A 20221226; LT 12023406 T 20120131; NZ 61296212 A 20120131; NZ 71973712 A 20120131; US 2012023406 W 20120131;
US 201816151141 A 20181003; US 202217576830 A 20220114